




S.S. ANDREW G. CURTIN

M.C. HULL 934

B.F. HULL 2084



ABBREVIATION
 TE - TUNNEL ESCAPE
 TH - TRIMMING HATCH
 DW - DRAIN WELL
 SW - STEAM WINCH
 V - VENT TRUNK
 C - COFFERDAM

CARGO	COMPARTMENT	GRAN CARGALE CAP
HOLD No.1	HOLD TWEEN DECKS	G.F. 41257 36083
HOLD No.2	HOLD TWEEN DECKS	4343 39565
HOLD No.3	HOLD TWEEN DECKS	38880 32008
HOLD No.4	HOLD TWEEN DECKS	34574 42830
HOLD No.5	HOLD TWEEN DECKS	68459 59795
DEEP TANKS	HOLD TWEEN DECKS	588041 52574
No.1P	DEEP TANKS	35277 29689
No.1S	DEEP TANKS	58620 5671
No.2P	DEEP TANKS	30864 30864
No.2S	DEEP TANKS	3639 2782
No.3P	DEEP TANKS	7473 5294
No.3S	DEEP TANKS	7473 5294
No.4P	DEEP TANKS	13674 12505
No.4S	DEEP TANKS	15168 12024
		TOTAL 58827 499816

WATER BALLAST	TANK	CU. FT.	TONNE 35CF
FORE PEAK	No.1	5073	145
WATER BALLAST	No.2R	5029	144
	No.2S	5867	170
	No.3P	5867	170
	No.3S	4400	126
	No.5P	4365	125
	No.5S	4391	125
	No.6	4118	118
DEEP TANKS	No.1R	5438	155
	No.1S	3973	114
	No.2P	7340	210
	No.2S	7340	210
	No.3P	13540	367
	No.3S	13065	373
	TOTAL	98570	2811

FRESH WATER	TANK	GAL'S	TONNE 35CF
RESERVE FEED	No.4P	17855	66
	No.4S	17855	66
FRESH WATER	FR. 108-138	7541	21
	FR. 108-135	7541	21
	TOTAL	50792	186

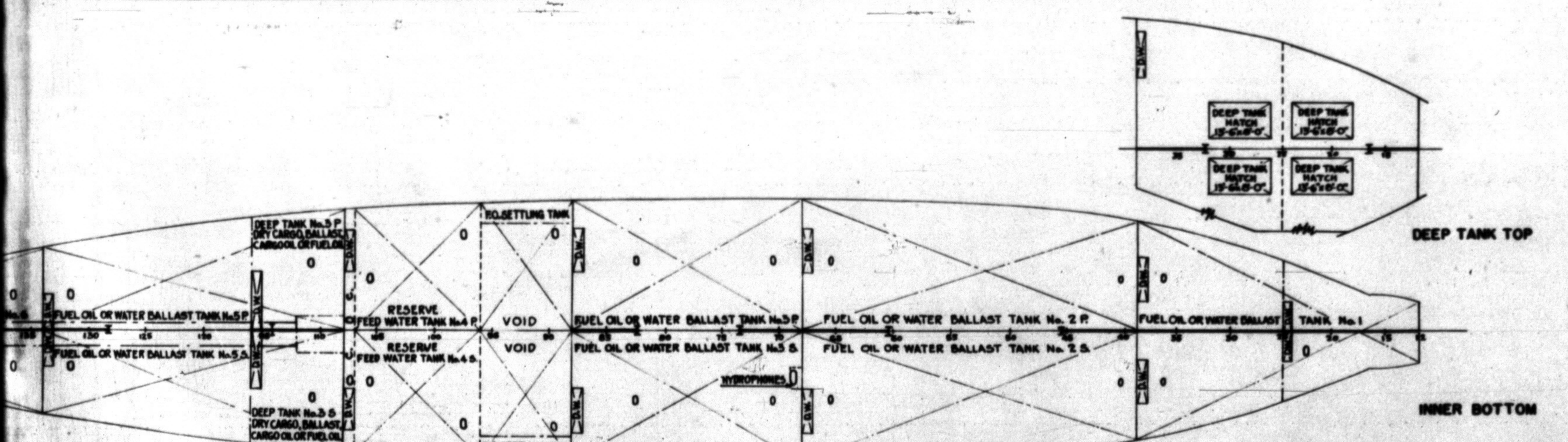
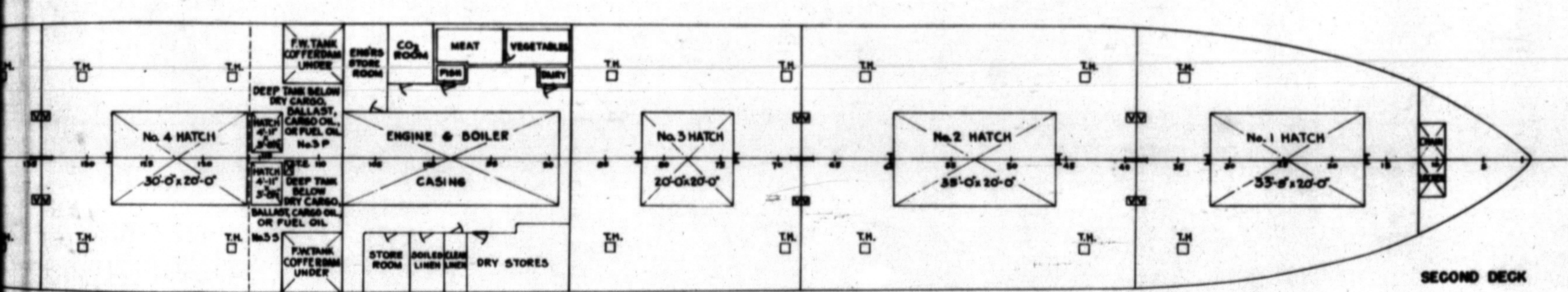
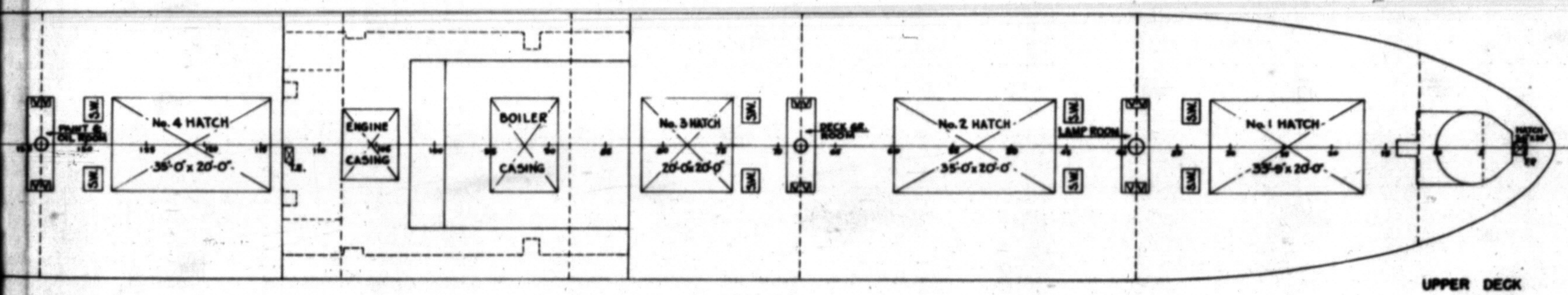
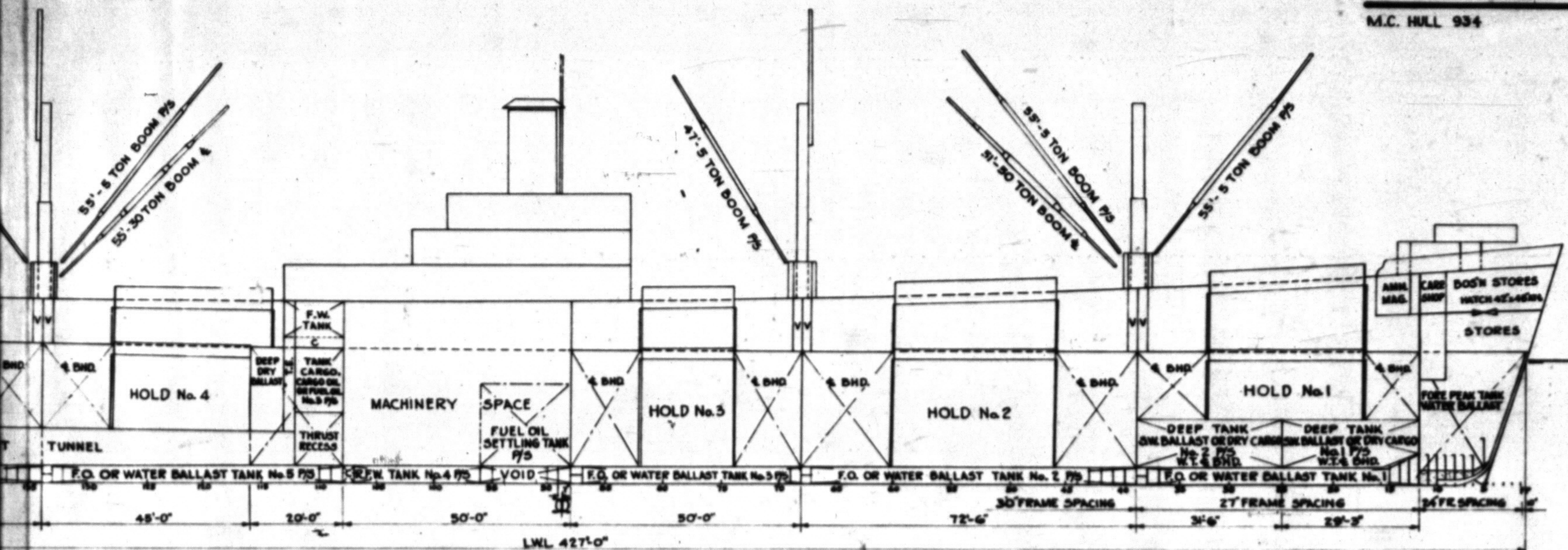
FUEL OIL	TANK	GAL'S	TONNE 35CF
FUEL OIL TANK	No.1	36863	132
	No.2P	43742	157
	No.2S	32251	116
	No.3P	31955	115
	No.3S	38285	136
	No.5S	32185	116
	No.6	30183	108
	TOTAL	283106	1017
F.O. SETTLING TANK	FR. 98-98S	14063	51
	FR. 98-98S	14063	51
	TOTAL	28166	102
CARGO OIL OR FUEL OIL			
DEEP TANK	No.3P	99257	356
	No.3S	95772	344
	TOTAL	195029	700
	TOTAL (ALL FO)	506301	1819

PRINCIPAL DIMENSIONS	
L.O.A	441'-7"
L.B.R (225'-10" X 33'-10")	416'-0"
BREATH, MLD.	56'-10 1/4"
BREATH, EXTREME	57'-1 1/4"
DEPTH TO UPPER DECK, MLD.	37'-1"
DEPTH TO SECOND DECK, MLD.	37'-1"
DRAFT	27'-9 1/4"
CAPACITIES & TYPES OF WINCHES	
750' DBL GEARED WINCHES FOR 5 & 30 TON BOOMS	
50' DBL GEARED WINCH FOR 50 TON BOOM	
HEIGHTS OF MASTS	
FIXED MAST ABOVE DECK	FORECAST 40'-3 1/2"
	FR. 134 45'-11 1/2"
TELESCOPIC	FR. 68 62'-11 1/4"
	FR. 134 62'-2 1/2"
ENGINE	
DIRECT ACTING CONDENSING THREE CYLINDER TRIPLE EXPANSION ENGINE DEVELOPING 2500 I.H.P. AT 76 R.P.M.	
BOILERS	
TWO MAIN BOILERS OF THE CROSS DRUM SECTIONAL SINUSOID HEADER STRAIGHT TUBE TYPE FITTED WITH SUPER HEATERS, BURNING BUNKER "C" FUEL OIL.	

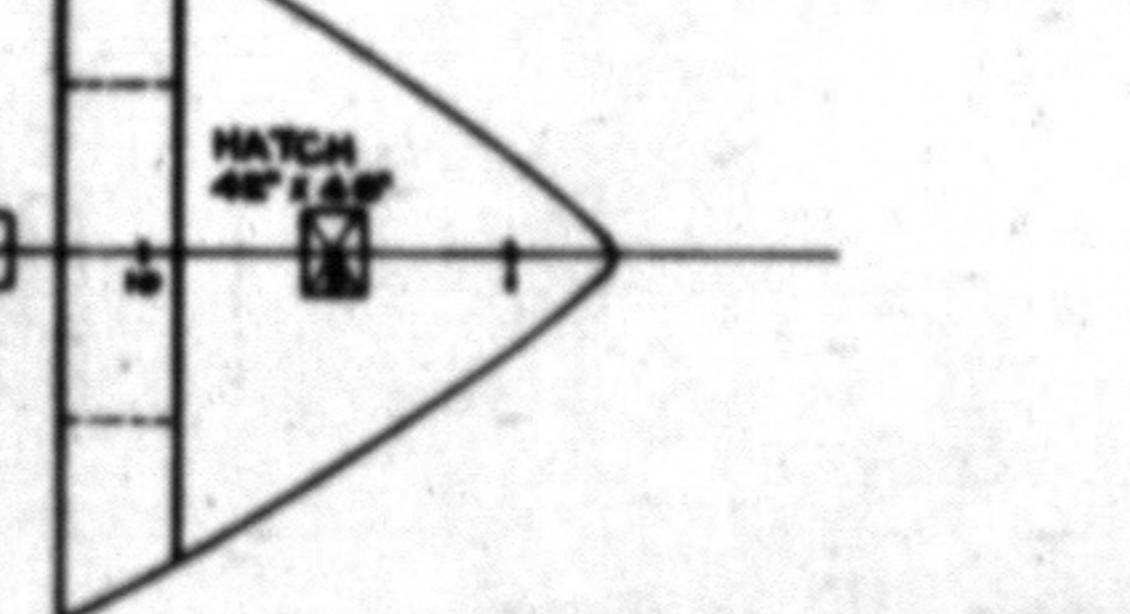
S.S. ANDREW G. CURTIN

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STORES	STORE ROOM	CU. FT.
BOSTN. STORES ON 2nd DECK FR. TO FR. 12		3034
BOSTN. STORES ON FLAT SET. 2nd & UPP. DKS.		3492
CABIN STORES 2nd DK. (FRS. 88-106)		4529
LINEN LOCKER		565
BONDED STORES		186
REFRIGERATED STORES:		
MEAT		801
FISH		173
VEGETABLES		708
DAIRY		176
TOTAL (ALL EO)		508301
		1819

CARGO	COMPARTMENT	GRAN CARGALE CAP.
HOLD No.1	HOLD TWEEN DECKS	G.R. 41257 36063
		G.R. 43443 38565
HOLD No.2	HOLD TWEEN DECKS	98860 92008
		46744 42530
HOLD No.3	HOLD TWEEN DECKS	68409 59793
		27970 23904
HOLD No.4	HOLD TWEEN DECKS	58841 52574
		32277 29669
HOLD No.5	HOLD TWEEN DECKS	58820 51571
		34570 30864
DEEP TANKS	No.1P	3639 2729
	No.1S	3639 3004
	No.2P	7473 5294
	No.2S	7473 5576
	No.3P	13674 12505
	No.3S	13188 12024
		TOTAL 562827 499816

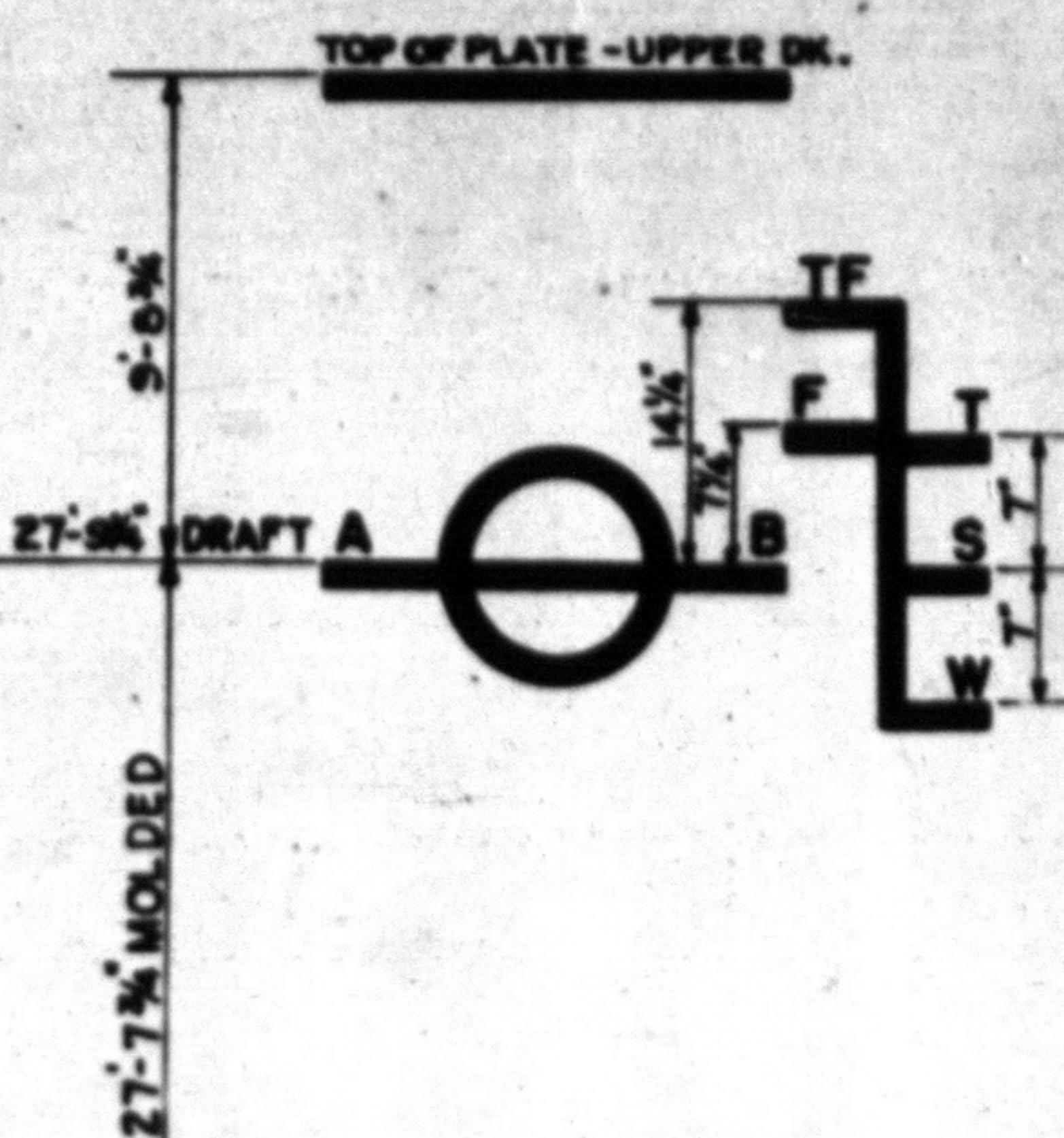
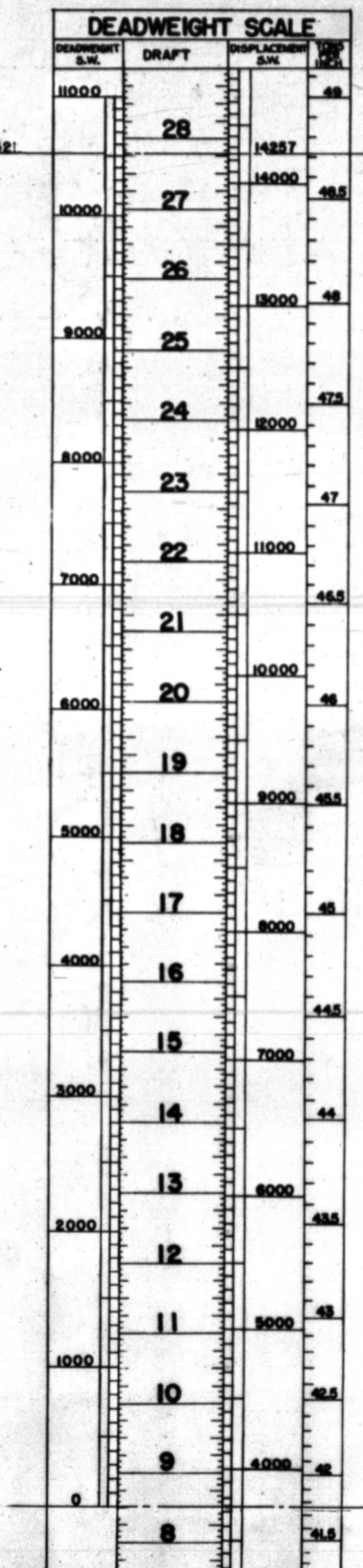
WATER BALLAST	TANK	CU. FT.	TONNE SWL
FORE PEAK		5073	148
WATER BALLAST	No.1	5029	144
	No.2R	5867	170
	No.2S	5867	170
	No.3P	4400	126
	No.3S	4365	125
	No.5P	4391	125
	No.5S	4391	125
	No.6	4118	118
AFTER PEAK-GULFARLY WATER		5438	155
DEEP TANKS	No.1P	3973	114
	No.1S	3973	114
	No.2P	7340	210
	No.2S	7340	210
	No.3P	13540	367
	No.3S	10665	373
		TOTAL 98570	2811

FRESH WATER	TANK	GAL'S	TONNE SWL
RESERVE FEED	No.4P	17855	66
	No.4S	17855	66
FRESH WATER FR. 108-138	7541	28	
FR. 108-135	7541	28	
		TOTAL 50792	188

FUEL OIL	TANK	GAL'S	TONNE SWL
FUEL OIL TANK	No.1	36863	132
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	No.3P	32251	115
	No.3S	31955	115
	No.5P	32185	115
	No.5S	32185	115
	No.6	30163	108
		TOTAL 283106	1017
F.O. SETTLING TANK	FR. 88-96R	14083	51
	FR. 88-96S	14083	51
		TOTAL 28616	102
CARGO OIL OR FUEL OIL			
DEEP TANK	No.3P	98257	356
	No.3S	95772	344
		TOTAL 193929	700
		TOTAL (ALL EO) 508301	1819

PRINCIPAL DIMENSIONS		
L.O.A.		441-7/8"
L.B.P. (20'-9 1/2" W.L.L.)		416-1/2"
BREADTH, MLD.		58-10 1/4"
BREADTH, EXTREME		57-11 1/2"
DEPTH TO UPPER DECK, MLD.		37-4"
DEPTH TO SECOND DECK, MLD.		28-7"
DRAFT		27-9 1/2"
CAPACITIES & TYPES OF WINCHES		
1000 L.B. GEARED WINCHES FOR 50-30 TON BOOMS		
650 L.B. GEARED WINCHES FOR 50 TON BOOM		
500 L.B. WINCH FOR 50 TON BOOM		
HEIGHTS OF MASTS		
FIXED MAST ABOVE DECK	FORECAST	40-3 1/2"
	FR. 88	45-11 1/2"
	FR. 134	42-2 1/2"
TELESCOPIC		38-11 1/2"
	FR. 88	42-2 1/2"
	FR. 134	38-11 1/2"
ENGINE		
DIRECT ACTING CONDENSING THREE CYLINDER TRIPLE EXPANSION ENGINE DEVELOPING 2500 I.H.P. AT 76 RPM.		
BOILERS		
TWO MAIN BOILERS OF THE CROSS DRUM SECTIONAL SIMONIS HEADER STRAIT TUBE TYPE FITTED WITH SUPER HEATERS, BURNING BUNKER "C" FUEL OIL		

APPROVED AS NOTED IN
M.C. LETTER DATED MARCH 8, 1942
M.C. FILE NO. S-28 (M.P.A.)
BY C.H. LUNDBERG



No.	ALTERATIONS	DATE	REMARKS
1	ADDED ESTIMATED WEIGHT OF NATIONAL DEFENSE FEATURES	3-3-42	PER USM LETTER MARCH 8, 1942

NOTES:
1. THE LIGHT WEIGHT OF THE SHIP GIVEN INCLUDES:
GUNS, AMMUNITION & BALLAST.
2. ESTIMATED WEIGHT OF NATIONAL DEFENSE FEATURES = 143 TONS

DESIGN NO. EC2-S-C1

UNITED STATES MARITIME COMMISSION
EMERGENCY SHIP CONSTRUCTION DIVISION

CAPACITY PLAN

SCALE 1/8" = 1'-0"	DATE
DRAWN - P.E.R.	APPROVED - P.E.R.
TRACED	APPROVED
CHECKED - E.C.C.	APPROVED

BETHLEHEM-FAIRFIELD SHIPYARD, INCORPORATED
FAIRFIELD BALTIMORE, MD.

M.C.E. PLAN NO 14-63 S29-1-1-82
30-312

APPROVED AS NOTED IN
M.C. LETTER DATED MARCH 8, 1942
M.C. FILE NO. S-28 (M.P.A.)
BY C.H. LUNDBERG

S.S. ANDREW G. CURTIN